

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	("5347446" "2002021900").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:07
L2	51	("5347446").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:08
L3	14	("5347446").URPN. and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:43
L4	0	("5347446").URPN. and (life) and dynamic\$1 and sensor\$1 and response\$1 and command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:05
L5	6	("5347446").URPN. and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:42
L6	6	("5347446").URPN. and life and dynamic\$1 and sensor\$1 and predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:07
L7	197	(system near10 life near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:06
L8	24907	(system near10 goal\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:06
L9	542	(system near10 goal\$1) and predict\$3 near10 control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:06

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L10	48	(system near10 goal\$1) and predict\$3 near10 control and response near10 command\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 14:21
L11	0	("5410883").URPN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:06
L12	2	"5410883".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 11:10
L13	0	(model adj predictive and desired adj trajectory and dynamic adj response and model and nonlinear and system adj life adj goal and program\$4 and algorithm).clm.	US-PGPUB	OR	ON	2006/07/13 13:40
L14	0	("5410883").URPN.	USPAT	OR	ON	2006/07/13 13:41
L15	4	("4226086" "4651553" "4792912" "4888953").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/13 13:41
L16	51	("5347446").URPN.	USPAT	OR	ON	2006/07/13 13:41
L17	6	16 and life and dynamic\$1 and sensor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:43
L18	14	16 and (life)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:44
L19	5893	MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L20	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46

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L21	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear) and (goal target achieve\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L22	0	(MPC model adj predict\$3 adj control\$4) and desired and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L23	0	(MPC model adj predict\$3 adj control\$4) and desired	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L24	6261	(MPC model adj predict\$3 adj control\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L25	18	(MPC model adj predict\$3 adj control\$4) and (non-linear nonlinear) and (goal target achieve\$4) near (life long adj term)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L26	1	2005-650972.NRAN.	DERWENT	OR	ON	2006/07/13 13:46
L27	17	(james adj fuller).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L28	137	(james near fuller).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L29	3	(james near fuller).in. and MPC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L30	2	"5654907".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46

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L31	205	(MPC model adj predict\$3 adj control\$4) and trajectory	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L32	84	(MPC model adj predict\$3 adj control\$4) and trajectory and nonlinear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L33	2003	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 worn deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L34	1951	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L35	1951	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L36	1299	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L37	11	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L38	9	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and goal\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L39	9	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46

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L40	3	(MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L41	2	("2005/0007249").URPN.	USPAT	OR	ON	2006/07/13 13:46
L42	0	("2005/0209713").URPN.	USPAT	OR	ON	2006/07/13 13:46
L43	7128	(700/121,28,29,30,173,186,109,110,112,117,106,119,48,95,32).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L44	35	L43 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L45	1	L43 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life with predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L46	1	L43 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and life same predict\$3 and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L47	13	L43 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L48	11	L43 and (MPC model adj predict\$3 adj control\$4) and (degrad\$6 deperformance de-performance under adj perform\$5) and (goal\$1 bench adj mark\$1 benchmark\$1) and index and (non-linear nonlinear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 13:46
L49	332	700/44.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 14:29

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L50	7	49 and life same (expectan\$3 goal consumption)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/07/13 14:30
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<u>#2</u>	(((((model and predictive and control)<in>metadata))<AND>(life <near> goal<in>metadata)))	0
<u>#3</u>	(((((model and predictive and control)<in>metadata))<and>(life<in>metadata)))	17
<u>#4</u>	(((((model and predictive and control)<in>metadata))<and>(life<in>metadata))<AND>(dynamic and response<in>metadata)))	0
<u>#5</u>	(((((model and predictive and control)<in>metadata)))	2293
<u>#6</u>	(((((model and predictive and control)<in>metadata)))<AND>(life and (goal consumption expectancy)<in>metadata)))	0
<u>#7</u>	(((((model and predictive and control)<in>metadata)))<and>(life and (goal or consumption or expectancy)<in>metadata)))	9
<u>#8</u>	(((((model and predictive and control)<in>metadata)))<and>(life and (goal or consumption or expectancy)<in>metadata)))	9
<u>#9</u>	((((((model and predictive and control)<in>metadata)))<and>(life and (goal or consumption or expectancy)<in>metadata)))<AND>(trajectory<in>metadata))	0
<u>#10</u>	multivariable and system	13739
<u>#11</u>	((multivariable and system)<AND>(life and (goal or consumption or expectancy or achievement)<in>metadata))	33
<u>#12</u>	(((((multivariable and system)<and>(life and (goal or consumption or expectancy or achievement)<in>metadata)))<AND>(desired and trajectory<in>metadata)))	0
<u>#13</u>	((((((model and predictive and control)<in>metadata))<and>(life<in>metadata)))<AND>(non-linear or nonlinear<in>metadata)))	4
<u>#14</u>	((((((model and predictive and control)<in>metadata))<and>(life<in>metadata)))<AND>(non-linear or nonlinear<in>metadata)))	4
<u>#15</u>	((((((model and predictive and control)<in>metadata))<and>(life<in>metadata)))<AND>(non-linear or nonlinear<in>metadata)))	4



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- ☐ 1. **Quality assurance and control (QAC) of uncertainty models and simulations of life cycle assessment (LCA)**
 Asbjornsen, O.A.;
Proceedings of ISUMA - NAFIPS '95 The Third International Symposium on Uncertainty Modeling and Analysis and Annual Conference of the North American Fuzzy Information Processing Society
 17-20 Sept. 1995 Page(s):252 - 257
 Digital Object Identifier 10.1109/ISUMA.1995.527702
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- ☐ 2. **A nonlinear model predictive control solution for a hybrid dynamic system: NASA life support system**
 Subramanian, D.; Lamba, N.;
American Control Conference, 2005. Proceedings of the 2005
 8-10 June 2005 Page(s):2781 - 2786 vol. 4
 Digital Object Identifier 10.1109/ACC.2005.1470390
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- ☐ 3. **A power transformers' predictive overload system based on a Takagi-Sugeno-Kang fuzzy model**
 Ippolito, L.; Siano, P.;
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 Volume 1, 12-15 May 2004 Page(s):301 - 306 Vol.1
 Digital Object Identifier 10.1109/MELCON.2004.1346849
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- ☐ 4. **Modeling and control of the incremental software test process**
 Miller, S.D.; DeCarlo, R.A.; Mathur, A.P.;
Computer Software and Applications Conference, 2004. COMPSAC 2004. Proceedings of the 28th Annual International
 Volume 2, 2004 Page(s):156 - 159 vol.2
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- ☐ **6. Predictive control for energy management in all/more electric vehicles with multiple energy storage units**
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[Electric Machines and Drives Conference, 2003. IEMDC'03. IEEE International Volume 1, 1-4 June 2003 Page\(s\):222 - 228 vol.1](#)
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- ☐ **7. Turbine start-up algorithm based on prediction of rotor thermal stress**
Nakai, A.; Nakamoto, M.; Kakehi, A.; Hayashi, S.;
[SICE '95. Proceedings of the 34th SICE Annual Conference. International Session Papers 26-28 July 1995 Page\(s\):1561 - 1564](#)
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- ☐ **8. A neural network approach for predicting software development faults**
Khoshgoftaar, T.M.; Pandya, A.S.; More, H.B.;
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- ☐ **9. Control of manufacturing systems using state feedback and linear programming**
van Eekelen, J.A.W.M.; Lefeber, E.; Roset, B.J.P.; Nijmeijer, H.; Rooda, J.E.;
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- ☐ **10. Application of simulation technology to plant optimization and control**
Takatsu, H.; Nozaki, T.; Okada, K.;
[Control Applications, 2004. Proceedings of the 2004 IEEE International Conference on Volume 2, 2-4 Sept. 2004 Page\(s\):1312 - 1317 Vol.2](#)
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- ☐ **11. Application of virtual simulation environment to oil process unit control**
Takatsu, H.; Nozaki, T.; Okada, K.;
[SICE 2002. Proceedings of the 41st SICE Annual Conference Volume 5, 5-7 Aug. 2002 Page\(s\):3091 - 3096 vol.5](#)
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- ☐ **12. Model predictive control with repeated model fitting for ramp metering**
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- ☐ **13. Towards variable-time-delays-robust telemanipulation through master state prediction**

Prekopiou, P.A.; Tzafestas, S.G.; Harwin, W.S.;
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- ☐ **14. Application of reduced order process models for nonlinear inferential control**
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- ☐ **15. A multivariable predictive control strategy for economical fossil power plant operation**
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- ☐ **16. Fast wafer level reliability monitoring of product wafers**
Martin, A.;
Integrated Reliability Workshop Final Report, 2003 IEEE International
20-23 Oct. 2003 Page(s):175
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- ☐ **17. Road profile control methods for laboratory vehicle road simulators**
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AUTOTESTCON '98, IEEE Systems Readiness Technology Conference., 1998 IEEE
24-27 Aug. 1998 Page(s):222 - 228
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- ☐ 1. **Model predictive control and the optimization of power plant load while considering lifetime consumption**
 Gallestey, E.; Stothert, A.; Antoine, M.; Morton, S.;
[Power Systems, IEEE Transactions on](#)
 Volume 17, Issue 1, Feb. 2002 Page(s):186 - 191
 Digital Object Identifier 10.1109/59.982212
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- ☐ 2. **Dynamic neural control for a plasma etch process**
 Card, J.P.; Sniderman, D.L.; Klimasauskas, C.;
[Neural Networks, IEEE Transactions on](#)
 Volume 8, Issue 4, July 1997 Page(s):883 - 901
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- ☐ 3. **Run by run advanced process control of metal sputter deposition**
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- ☐ 4. **Implementation of Model Predictive Control for Glucose Regulation on a General Purpose Microprocessor**
 Bleris, L.G.; Kothare, M.V.;
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- ☐ 5. **Heterogeneous agents for multi-robot cooperation**
 Aylett, R.S.; Coddington, A.M.; Ghanea-Hercock, R.A.; Barnes, D.P.;
[Design and Development of Autonomous Agents, IEE Colloquium on](#)
 21 Nov 1995 Page(s):3/1 - 3/7
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- ☐ 6. **Neural mechanisms of learning and control**

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[Control Systems Magazine, IEEE](#)
Volume 21, Issue 4, Aug. 2001 Page(s):42 - 54
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- ☐ 7. **Modeling and control of co-generation power plants: a hybrid system approach**
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Volume 12, Issue 5, Sept. 2004 Page(s):694 - 705
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